UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	03500.013330.2
First Name	d Inventor or Application Identifier
YUTAKA MARUYAMA	
Samuel Adail Late 1 No.	

(Only for new nonprovision	onal applications under 37 CFR 1.53(b))	Express Mail	Label No.			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		s. ADDR	ESS TO:	Commiss P.O. Box	Patent Application ioner for Patents 1450 a, VA 22313-1450	
Fee Transmittal F (Submit an original,	nittal Form iginal, and a duplicate for fee processing)		CD-ROM or CD-R in duplicate, large table or Compu Program (Appendix)			omputer
2. Applicant claims See 37 CFR 1.27	aims small entity status. R 1.27.			and/or Amino Acid le, all necessary)	l Sequence Submi	ission O
3. X Specification	Total Pages 38			Computer Readabl		.s. PT 852
4. X Drawing(s) (35 U	ISC 113) Total Sheets 9			ation Sequence Lis	_	35 U
5. X Oath or Declarati	ion Total Pages 2		ii.	paper		155
a. Newly	executed (original or copy)		c Statements verifying identity of above copies			e copies
h — Convit	rom a prior application (27 CER 1 62(d))		ACCOM	PANYING APPLIC	CATION PARTS	
	b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)		-	Papers (copy from page 1998) Papers (copy from page 1999) Reel: 9		
i. [see 10.		s(b) Statement e is an assignee)	Power	of Attorney	
	37 CFR 1.63(d)(2) and 1.33(b).	11.	English Tra	inslation Documen	t (if applicable)	
6. X Application Data	Sheet. See 37 CFR 1.76	12. X	Information	Disclosure	Copies	s of IDS
		13. X		(IDS)/PTO-1449 Amendment	Citation	ns
		14.		eipt Postcard (MP specifically itemize		
		15. X		n of Priority Docum	ents	
		16.	Other:	noney is significal.		
17 If a CONTINUING APP	PLICATION, check appropriate box and s	unnly the mauisite	information:			
Continuation Prior application information:	X Divisional Contin	uation-in-part (CIP	of prior app Group/Art Ur	lication No. <u>09/597</u> nit: 3729	7,727	
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
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X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below			below			
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CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	4-20 =	0	X \$ 18.00 =	\$ 0
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	4-3 =	1	X \$ 86.00 =	\$ 86.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))		CFR 1.16(d))	\$290.00 =	\$
				BASIC FEE (37 CFR 1.16(a))	
	-	· · · · · · · · · · · · · · · · · · ·	Total of	above Calculations =	\$770.00
	Reduction by	50% for filing by small er	ntity (Note 37 CFR 1.9, 1	.27, 1.28).	
				TOTAL =	\$856.00
9. Sn a.		ntity statement is enclose			
a. b. c.	A small er A small er and desire Is no long A check in the amo	ntity statement was filed in	n the prior nonprovisions	closed.	h status is still proper
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED		
NAME	SCOTT D. MALPEDE/Registration No. 32,533	
SIGNATURE) wh O. What!	
DATE	November 5, 2003	

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